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(FILE 'HOME' ENTERED AT 14:06:50 ON 11 JUL 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 14:07:09 ON 11 JUL 2002

L1 111537 S GENE(6A) (PREPARATION OR FORMULATION OR TRANSFER?)
L2 1379686 S SACCHARIDE OR OLIGOSACCHARIDE OR GLUCOSE OR GALACTOSE OR
FRUC
L3 220082 S MALTOSE OR LACTOSE OR TREHALOSE OR SORBITOL OR MANNITOL
L4 1521480 S L2 OR L3
L5 3521 S L1 AND L4
L6 271344 S (GLUTAMIC OR ASPARTIC OR CITRIC) (5A)ACID
L7 55 S L5 AND L6
L8 38 DUP REM L7 (17 DUPLICATES REMOVED)

=> d au ti so 1-38 l8

L8 ANSWER 1 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Reindl, Andreas; Bischoff, Friedrich; Tonelli, Chiara; Petroni, Katia
TI Expression cassettes using the myb11 promoter of Arabidopsis for
tissue-specific expression of foreign genes in the embryonic epidermis
and
flower of plants
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2

L8 ANSWER 2 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Spindler, Stephen R.
TI Method for identification of interventions which mimic effects of calorie
restriction on aging
SO U.S., 150 pp., Cont.-in-part of U.S. Ser. No. 471,225.
CODEN: USXXAM

L8 ANSWER 3 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Nampoothiri, K. Madhavan; Mockel, Bettina; Eggeling, Lothar; Sahm,
Hermann
TI Protein and gene sequence of the cma gene encoded cyclopropane-mycolic
acid synthase of Corynebacterium glutamicum
SO U.S. Pat. Appl. Publ., 15 pp., Cont.-in-part of U.S. Ser. No. 577,857,
abandoned.
CODEN: USXXCO

L8 ANSWER 4 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Nampoothiri, Madhavan; Moeckel, Bettina; Eggeling, Lothar; Sahm, Hermann
TI Genetically modified Coryneform bacteria with overexpressed cma
gene and uses thereof in fermentative **preparation** of
L amino acids
SO PCT Int. Appl., 42 pp.
CODEN: PIXXD2

L8 ANSWER 5 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Sugimoto, Masakazu; Nakai, Yuta; Ito, Hisao; Kurahashi, Osamu
TI Process for producing l-amino acid and novel gene
SO PCT Int. Appl., 39 pp.
CODEN: PIXXD2

L8 ANSWER 6 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Griffin, Jonathan; Carlile, Amanda Jane; Cayley, Patricia Jane; MacKay,

- Elaine Anne; Warner, Simon Anthony James; Vincent, Jason Leigh; Lee, Michael David
- TI Protein and cDNA sequences of a novel insecticidal endotoxin protein CRY from *Paecilomyces farinosus*
- SO PCT Int. Appl., 72 pp.
CODEN: PIXXD2
- L8 ANSWER 7 OF 38 CAPLUS COPYRIGHT 2002 ACS
- IN Mockel, Bettina; Pfefferle, Walter; Marx, Achim
- TI *Corynebacterium succinate* dehydrogenase genes *sdhA*, *sdhB*, and *sdhC* and amino acid production with recombinant coryneform bacteria
- SO Eur. Pat. Appl., 29 pp.
CODEN: EPXXDW
- L8 ANSWER 8 OF 38 CAPLUS COPYRIGHT 2002 ACS
- AU Capela, Delphine; Barloy-Hubler, Frederique; Gouzy, Jerome; Bothe, Gordana; Ampe, Frederic; Batut, Jacques; Boistard, Pierre; Becker, Anke; Boutry, Marc; Cadieu, Edouard; Dreano, Stephane; Gloux, Stephanie; Godrie, Therese; Goffeau, Andre; Kahn, Daniel; Kiss, Erno; Lelaure, Valerie; Masuy, David; Pohl, Thomas; Portetelle, Daniel; Puhler, Alfred; Purnelle, Benedicte; Ramsperger, Ulf; Penard, Clotilde; Thebault, Patricia; Vandenbol, Micheline; Weidner, Stefan; Galibert, Francis
- TI Analysis of the chromosome sequence of the legume symbiont *Sinorhizobium meliloti* strain 1021
- SO Proceedings of the National Academy of Sciences of the United States of America (2001), 98(17), 9877-9882
CODEN: PNASA6; ISSN: 0027-8424
- L8 ANSWER 9 OF 38 SCISEARCH COPYRIGHT 2002 ISI (R)
- AU Ohkubo K (Reprint); Yamano A; Nagashima M; Mori Y; Anzai K; Akehi Y; Nomiya R; Asano T; Urae A; Ono J
- TI Mitochondrial gene mutations in the tRNA(Leu(UUR)) region and diabetes: Prevalence and clinical phenotypes in Japan
- SO CLINICAL CHEMISTRY, (SEP 2001) Vol. 47, No. 9, pp. 1641-1648.
Publisher: AMER ASSOC CLINICAL CHEMISTRY, 2101 L STREET NW, SUITE 202, WASHINGTON, DC 20037-1526 USA.
ISSN: 0009-9147.
- L8 ANSWER 10 OF 38 CAPLUS COPYRIGHT 2002 ACS
- AU Nagarajan, Rakesh; Svaren, John; Le, Nam; Araki, Toshiyuki; Watson, Mark; Milbrandt, Jeffrey
- TI EGR2 mutations in inherited neuropathies dominant-negatively inhibit myelin gene expression
- SO Neuron (2001), 30(2), 355-368
CODEN: NERNET; ISSN: 0896-6273
- L8 ANSWER 11 OF 38 CAPLUS COPYRIGHT 2002 ACS
- AU Kagami, Yoshihiro; Furuichi, Teiichi
- TI Investigation of differentially expressed genes during the development of mouse cerebellum
- SO Gene Expression Patterns (2001), 1(1), 39-59
CODEN: GEPEAD; ISSN: 1567-133X
- L8 ANSWER 12 OF 38 MEDLINE
- AU Rasmussen S K; Hansen L; Frevert E U; Cohen P T; Kahn B B; Pedersen O
- TI Adenovirus-mediated expression of a naturally occurring Asp905Tyr variant of the glycogen-associated regulatory subunit of protein phosphatase-1 in L6 myotubes.
- SO DIABETOLOGIA, (2000 Jun) 43 (6) 718-22.

Journal code: 0006777. ISSN: 0012-186X.

- L8 ANSWER 13 OF 38 CAPLUS COPYRIGHT 2002 ACS
AU Charlebois, Robert L.; Singh, Rama K.; Chan-Weiher, Christina C.-Y.;
Allard, Ghislaine; Chow, Cynthia; Confalonieri, Fabrice; Curtis, Bruce;
Duguet, Michel; Erauso, Gael; Faguy, David; Gaasterland, Terry; Garrett,
Roger A.; Gordon, Paul; Jeffries, Alex C.; Kozera, Catherine; Kushwaha,
Neena; Lafleur, Edith; Medina, Nadine; Peng, Xu; Penny, Susanne L.; She,
Qunxin; St. Jean, Andrew; Van Der Oost, John; Young, Felix; Zivanovic,
Yvan; Doolittle, W. Ford; Ragan, Mark A.; Sensen, Christoph W.
TI Gene content and organization of a 281-kbp contig from the genome of the
extremely thermophilic archaeon, *Sulfolobus solfataricus* P2
SO Genome (2000), 43(1), 116-136
CODEN: GENOE3; ISSN: 0831-2796
- L8 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Terada, Masaaki; Ochiya, Takahiro; Sano, Akihiko; Hisada, Akihiko;
Nagahara, Shunji
TI Stable therapeutic **gene preparations**
SO PCT Int. Appl., 64 pp.
CODEN: PIXXD2
- L8 ANSWER 15 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Gokarn, Ravi R.; Eiteman, Mark A.; Altman, Elliot
TI Pyruvate carboxylase overexpression for enhanced production of
oxaloacetate-derived biochemicals in microbial cells
SO PCT Int. Appl., 69 pp.
CODEN: PIXXD2
- L8 ANSWER 16 OF 38 CAPLUS COPYRIGHT 2002 ACS
AU Hashida, Mitsuru; Nishikawa, Makiya; Yamashita, Fumiyoshi; Takakura,
Yoshinobu
TI Cell specific targeting of drugs and genes with glycosylated liposomes
SO Polymer Preprints (American Chemical Society, Division of Polymer
Chemistry) (1999), 40(1), 297-298
CODEN: ACPPAY; ISSN: 0032-3934
- L8 ANSWER 17 OF 38 MEDLINE
AU Haberland A; Dalluge R; Zaitsev S; Stahn R; Bottger M
TI Ligand-histone H1 conjugates: increased solubility of DNA complexes, but
no enhanced transfection activity.
SO SOMATIC CELL AND MOLECULAR GENETICS, (1999 Jul) 25 (4) 237-45.
Journal code: 8403568. ISSN: 0740-7750.
- L8 ANSWER 18 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Dennis, Douglas E.; Valentin, Henry E.
TI Methods of making polyhydroxyalkanoates comprising 4-hydroxybutyrate
monomer units
SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2
- L8 ANSWER 19 OF 38 MEDLINE DUPLICATE 1
AU Amoah E A; Gelaye S
TI Biotechnological advances in goat reproduction.
SO JOURNAL OF ANIMAL SCIENCE, (1997 Feb) 75 (2) 578-85. Ref: 74
Journal code: 8003002. ISSN: 0021-8812.
- L8 ANSWER 20 OF 38 CAPLUS COPYRIGHT 2002 ACS
IN Ishihara, Hiroshi; Kawaguchi, Takayuki; Ikeda, Masahiro; Nakamoto,
Kazutaka; Sasaki, Atsushi

TI Preparation of sugar amidite derivatives and antisense oligonucleotide
 derivatives as antiviral and antitumor agents
 SO PCT Int. Appl., 84 pp.
 CODEN: PIXXD2

L8 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2002 ACS
 IN Kuma, Hidekazu; Iijima, Osamu; Suzuki, Yousuke
 TI Pharmaceutical composition for preserving recombinant virus vectors for
 gene therapy
 SO PCT Int. Appl., 17 pp
 CODEN: PIXXD2

L8 ANSWER 22 OF 38 CAPLUS COPYRIGHT 2002 ACS
 IN Tsuchiya, Makoto; Miwa, Kiyoshi
 TI Sucrase gene of coryneform bacteria and manufacture of amino acids or
 nucleic acids with recombinant coryneform bacteria
 SO U.S., 12 pp.
 CODEN: USXXAM

L8 ANSWER 23 OF 38 CAPLUS COPYRIGHT 2002 ACS
 IN Sugimoto, Masakazu; Otsuna, Seiko; Nagase, Kazuo; Tsuchiya, Makoto;
 Hiroshi, Matsui; Yasuhiko, Yoshihara; Nakamatsu, Tsuyoshi
 TI Sucrase gene derived from coryneform bacteria and manufacture of amino
 acids with recombinant microorganisms
 SO Eur. Pat. Appl., 24 pp.
 CODEN: EPXXDW

L8 ANSWER 24 OF 38 SCISEARCH COPYRIGHT 2002 ISI (R)
 AU XU Y H; SZOKA F C (Reprint)
 TI MECHANISM OF DNA RELEASE FROM CATIONIC LIPOSOME/DNA COMPLEXES USED IN
 CELL TRANSFECTION
 SO BIOCHEMISTRY, (07 MAY 1996) Vol. 35, No. 18, pp. 5616-5623.
 ISSN: 0006-2960.

L8 ANSWER 25 OF 38 CAPLUS COPYRIGHT 2002 ACS
 AU Galibert, F.; Alexandraki, D.; Baur, A.; Boles, E.; Chalwatzis, N.;
 Chuat,
 J.-C.; Coster, F.; Cziepluch, C.; De Haan, M.; et al.
 TI Complete nucleotide sequence of Saccharomyces cerevisiae chromosome X
 SO EMBO J. (1996), 15(9), 2031-2049
 CODEN: EMJODG; ISSN: 0261-4189

L8 ANSWER 26 OF 38 MEDLINE DUPLICATE 2
 AU Odani T; Shimma Y; Tanaka A; Jigami Y
 TI Cloning and analysis of the MNN4 gene required for phosphorylation of
 N-linked **oligosaccharides** in Saccharomyces cerevisiae.
 SO GLYCOBIOLOGY, (1996 Dec) 6 (8) 805-10.
 Journal code: 2104124. ISSN: 0959-6658.

L8 ANSWER 27 OF 38 MEDLINE DUPLICATE 3
 AU Fares F A; Gruener N; Kraiem Z
 TI The role of the asparagine-linked **oligosaccharides** of the
 alpha-subunit in human thyrotropin bioactivity.
 SO ENDOCRINOLOGY, (1996 Feb) 137 (2) 555-60.
 Journal code: 0375040. ISSN: 0013-7227.

L8 ANSWER 28 OF 38 MEDLINE DUPLICATE 4
 AU Bohmer J; Jung M; Sehr P; Fritz G; Popoff M; Just I; Aktories K
 TI Active site mutation of the C3-like ADP ribosyltransferase from

- Clostridium limosum--analysis of **glutamic acid** 174.
 SO BIOCHEMISTRY, (1996 Jan 9) 35 (1) 282-9.
 Journal code: 0370623. ISSN: 0006-2960.
- L8 ANSWER 29 OF 38 MEDLINE DUPLICATE 5
 AU Elsas L J 2nd; Langley S; Paulk E M; Hjelm L N; Dembure P P
 TI A molecular approach to galactosemia.
 SO EUROPEAN JOURNAL OF PEDIATRICS, (1995) 154 (7 Suppl 2) S21-7.
 Journal code: 7603873. ISSN: 0340-6199.
- L8 ANSWER 30 OF 38 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AU Elsas, Louis J. II (1); Langley, Sharon; Paulk, Elizabeth M.; Hjelm,
 Lawrence N.; Dembure, Philip P.
 TI A molecular approach to galactosemia.
 SO European Journal of Pediatrics, (1995) Vol. 154, No. SUPPL. 2, pp.
 S21-S27.
 ISSN: 0340-6199.
- L8 ANSWER 31 OF 38 MEDLINE DUPLICATE 6
 AU Elsas L J; Dembure P P; Langley S; Paulk E M; Hjelm L N; Fridovich-Keil J
 TI A common mutation associated with the Duarte galactosemia allele.
 SO AMERICAN JOURNAL OF HUMAN GENETICS, (1994 Jun) 54 (6) 1030-6.
 Journal code: 0370475. ISSN: 0002-9297.
- L8 ANSWER 32 OF 38 SCISEARCH COPYRIGHT 2002 ISI (R)
 AU HUANG A M; LEE J I; KING S C; WILSON T H (Reprint)
 TI AMINO-ACID SUBSTITUTION IN THE **LACTOSE** CARRIER PROTEIN WITH THE
 USE OF AMBER SUPPRESSORS
 SO JOURNAL OF BACTERIOLOGY, (AUG 1992) Vol. 174, No. 16, pp. 5436-5441.
 ISSN: 0021-9193.
- L8 ANSWER 33 OF 38 CAPLUS COPYRIGHT 2002 ACS
 AU Serikawa, Tadao; Kuramoto, Takashi; Hilbert, Pascale; Mori, Masayuki;
 Yamada, Junzo; Dubay, Christopher J.; Lindpainter, Klaus; Ganten, Detlev;
 Guenet, Jean Louis; et al.
 TI Rat gene mapping using PCR-analyzed microsatellites
 SO Genetics (1992), 131(3), 701-21
 CODEN: GENTAE; ISSN: 0016-6731
- L8 ANSWER 34 OF 38 CAPLUS COPYRIGHT 2002 ACS
 IN Rudolph, Rainer; Kopetzki, Erhard; Fischer, Stephan; Grossmann, Adelbert;
 Hoell-Neugebauer, Baerbel
 TI Immobilized fusion proteins as biocatalysts: preparation and use
 SO Ger. Offen., 13 pp.
 CODEN: GWXXBX
- L8 ANSWER 35 OF 38 CAPLUS COPYRIGHT 2002 ACS
 AU Umeda, Masaaki; Ohtsubo, Hisako; Ohtsubo, Eiichi
 TI Diversification of the rice Waxy gene by insertion of mobile DNA elements
 into introns
 SO Jpn. J. Genet. (1991), 66(5), 569-86
 CODEN: IDZAAW; ISSN: 0021-504X
- L8 ANSWER 36 OF 38 MEDLINE
 AU Curiel D T; Chytil A; Courtney M; Crystal R G
 TI Serum alpha 1-antitrypsin deficiency associated with the common S-type
 (Glu264----Val) mutation results from intracellular degradation of alpha
 1-antitrypsin prior to secretion.
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1989 Jun 25) 264 (18) 10477-86.
 Journal code: 2985121R. ISSN: 0021-9258.

L8 ANSWER 37 OF 38 CAPLUS COPYRIGHT 2002 ACS
 AU Markussen, J.; Diers, I.; Engesgaard, A.; Hansen, M. T.; Hougaard, P.;
 Langkjaer, L.; Norris, K.; Ribel, U.; Soerensen, A. R.; et al.
 TI Soluble, prolonged-acting insulin derivatives. II. Degree of
 protraction
 and crystallizability of insulins substituted in positions A17, B8, B13,
 B27 and B30
 SO Protein Eng. (1987), 1(3), 215-23
 CODEN: PRENE9; ISSN: 0269-2139

L8 ANSWER 38 OF 38 MEDLINE
 AU Garnett K E; Simmons W A; Wing M S; Breen G A
 TI DNA-mediated **transfer** of complex I **genes** into three
 different respiration-deficient Chinese hamster mutant cell lines with
 defects in complex I of electron transport chain.
 SO SOMATIC CELL AND MOLECULAR GENETICS, (1985 Jul) 11 (4) 345-52.
 Journal code: 8403568. ISSN: 0740-7750.

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L8 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2002 ACS
 AN 1999:763907 CAPLUS
 DN 132:6372
 TI Stable therapeutic **gene preparations**
 IN Terada, Masaaki; Ochiya, Takahiro; Sano, Akihiko; Hisada, Akihiko;
 Nagahara, Shunji
 PA Sumitomo Pharmaceuticals Company, Limited, Japan; Koken Co., Ltd.
 SO PCT Int. Appl., 64 pp.
 CODEN: PIXXD2

DT Patent
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9961063	A1	19991202	WO 1999-JP2595	19990519
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,			
		DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,			
		JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,			
		MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,			
		TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,			
		RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,			
		ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,			
		CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9938488	A1	19991213	AU 1999-38488	19990519
	EP 1078639	A1	20010228	EP 1999-921163	19990519
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI			
PRAI	JP 1998-141426	A	19980522		
	WO 1999-JP2595	W	19990519		

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:685381 CAPLUS
 DN 125:309076
 TI Pharmaceutical composition for preserving recombinant virus vectors for
 gene therapy
 IN Kuma, Hidekazu; Iijima, Osamu; Suzuki, Yousuke

PA Hisamitsu Pharmaceutical Co., Inc., Japan

SO PCT Int. Appl., 17 pp

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9629096	A1	19960926	WO 1996-JP652	19960315
	W: AU, CA, CN, JP, KR, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
SE	AU 9649544	A1	19961008	AU 1996-49544	19960315
	EP 872249	A1	19981021	EP 1996-906024	19960315
	R: CH, DE, FR, GB, LI, NL				
	JP 3193057	B2	20010730	JP 1996-528274	19960315
	US 5869306	A	19990209	US 1997-913592	19970912
PRAI	JP 1995-59261	A	19950317		
	WO 1996-JP652	W	19960315		

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L8 ANSWER 14 OF 38 CAPLUS COPYRIGHT 2002 ACS

AB Disclosed are **formulations** for **gene** therapy capable of sustaining high stability during the prodn. process and storage. These formulations contain **saccharides**, non-hydrophobic amino acids, and/or org. acids having .gtoreq.2 carboxyl groups (excluding amino acids), or collagen or gelatin and at least one amino acid. A sustained-release stick prepn. was prepd. from 100 .mu.g/mL plasmid vector

pCAHST-1 (encoding FGF-4) soln. 80 mL, 0.86 % atelocollagen soln. 29.1, water 60 g, and 11 mg/mL **glucose** soln. 10 mL.

L8 ANSWER 21 OF 38 CAPLUS COPYRIGHT 2002 ACS

AB A process for producing **gene transfer prepns** . by freeze-drying a mixt. of a recombinant virus vector with at least one

additive selected among arginine, **glutamic acid** (or sodium salt thereof), serine, **glucose**, inositol, **lactose**, **mannitol**, **sorbitol**, **trehalose** and xylose.

The prepn. is to preserve the potency of the recombinant virus vectors. Prepn. of a compn. contg. recombinant MoMLV vector was shown.

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